## CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION REPORT

SOUTH NEWTON RURAL WATER ASSOCIATION #1, #2, & #4 100 15 PH 100

PWS ID # ('s): 0510010, 0510019 & 0510022

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please A	nswer the Following Questions Regard	ling the Consumer Confidence Report								
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill, or other)									
	Advertisement in local p On water bills 057	paper 05/00/0 + 05/0022								
Γ	Date customers were informed:	6-01-11								
C	CCR was distributed by mail or other di	rect delivery. Specify other direct delivery methods:								
	Date mailed/distributed:									
	CCR was published in local newspaper.  Name of Newspaper: O G - C	(Attach copy of published CCR and proof of publication)								
	CCR was posted in public places. (Attac									
	Date posted:06 - 0/-/	1 South Newton Office								
	CCR was posted on a publicly accessibl	e internet site at the address: www:								
CERTIF	TICATION:									
system in correct an Mississip	n the form and manner identified above and is consistent with the water quality ropi State Department of Health, Bureau									
Name/Tiffe	ne Mayer, Owner, etc.)									
the above	e Public Water System and is certified of	ompleted by MS Cross Connection, LLC with information provided by only to be as true & correct as the information provided.								
<u>Si</u>	Elysod Cols	5/20/11								
Signature	O	Date								

Mail completed form along with a copy of your CCR Report to:

MS State Department of Health Division of Public Water Supply P O Box 1700 Jackson, MS 39215 Phone: 601-576-7518

#### Annual Drinking Water Quality Report South Newton Rural Water Association #2 PWS ID # 0510019 May, 2011

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We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water is purchased from the City of Newton.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for the City of Newton received one lower, one moderate and one higher susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Wayne Clanton at 601-917-4978. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Thursday of each month at the South Newton Rural WA office at 5:00 p.m.

South Newton Rural Water Association #2 routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31<sup>st</sup>, 2010. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

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Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic (	Contami	nants						
10. Barium	N		0.02	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N		0.7	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N		0.6	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N		4	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfectar	ıts & Di	sinfectio	n By-Pr	oducts				
Chlorine (as Cl2)	N	Jan-Dec	0.84 to 1.00	None	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalo- methanes]	N		9	None	ppb	0	100	By-product of drinking water chlorination

#### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. South Newton Rural Water Association #2 is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may which to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested..

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

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### Annual Drinking Water Quality Report South Newton Rural Water Association #1 PWS ID # 0510010 May, 2011

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source consists of five wells that draw from the Sparta Sand Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination.. The water supply for South Newton Rural Water Association #1 received a lower susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Wayne Clanton at 601-917-4978. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Thursday of each month at the South Newton Rural Water Assn office at 5:00 p.m.

South Newton Rural Water Association #1 routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31<sup>st</sup>, 2010. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

<del>na mendeka kangan mendeka palan kenangan kebangan kebangan kebangan kebangan debenaran debenaran kebangan keban Kebangan</del>				TEST R	ESULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic C	Contami	nants						
10. Barium	N	934 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	0.07	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	tri de la Cala Cara, es esta Cala reter a Cala Pener mecia es esta de la	1	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
22. Thallium	N	COMMAND THE COMMAND AND AND AND AND AND AND AND AND AND	0.0008	No Range	ppb	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories0
Disinfectan	its & D	isinfectio	on By-Pi	roducts				
Chlorine (as Cl2)	N	Jan-Dec	0.86 to 0.93	None	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihaol-methanes]	N		7	None	ppb	0	100	By-product of drinking water chlorination

<sup>\*</sup> Most recent sample results available

#### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. South Newton Rural Water Association #1 is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may which to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

# Annual Drinking Water Quality Report 70H JUL 15 PM 1: 00 South Newton Rural Water Association #4 PWS ID # 0510022 May, 2011

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source consists of one well that draws from the Sparta Sand Aquifer.

A source water assessment has been completed for the water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination.. The water supply for South Newton Rural Water Association #4 received a lower susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Wayne Clanaton at 601-917-4978. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Thursday of each month at the South Newton Rural Water Association office at 5:00 p.m.

South Newton Rural Water Association #4 routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31<sup>st</sup>, 2010. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

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Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic (	Contami	nants						
10. Barium	N	2006*	0.04	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2006*	1	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	Y	marramenta sub-in side en 13 to 40 de 20 de 2	3.1	One	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2006*	0.1	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	Y		24	One	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2006*	0.5	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectar	nts & Di	sinfectio	n By-Pr	oducts				
Chlorine (as Cl2)	N	Jan-Dec	0.80 to 1.10	None	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalo-methanes]	N		8	None	ppb	0	100	By-product of drinking water chlorination
HAA5	N	2007*	2.8	None	ppb	0	60	By-product of drinking water chlorination

<sup>\*</sup> Most rrecent sample results available

The table shows that our system uncovered some problems this year. The duration of the violation was one sampling period. The potential adverse health effects are: Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

The table shows that our system uncovered some problems this year. The duration of the violation was one sampling period. The potential adverse health effects are: Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor.

#### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. South Newton Rural Water Association #4 is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may which to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested..

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Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

South New yor Rural Water Association #1 PWS ID#:0510010 May 2011

We're pla'fied to present toyou this year's Annual Quality Water Robert This roport is designed by your stand services we deliver to you will be your will be a service with the services of the services of the services will be a service will be a servi

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Contaminant	Violation	Date collected	Level	Rangeof Detects or # of Samples Exceeding MCUACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
<u>Inorganic</u>	Contan	ninants		1907	10 1 10 10	110	110	5 12 12 12 12 12 12 12 12 12 12 12 12 12
10. Barium	N		0.07	No Range	Ppm	2	2	Discharge of drilling wastes; dis- charge from metal refineries; ero- sion of natural deposits
22. Thallium			<u> </u>	No Range	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
ZZ. IRaisum	N		0.0008	No Range	ppb	0.5	2	Leaching from ore-processing sitos; discharge from electronics, glass, and drug factories
Disinfection	n By-Pi	roducts	and Dis	infectant By	Produ	cte	777777	
Chlorine (as C12)	N	Jan-Dec	0.86 to -0.93	None	ррт	4	<b>1</b>	Water additive used to control microbes
73. TTHM (Total Trihalo- riethanes)	N		7	None	ppb	0	100	By-product of drinking water chlorination

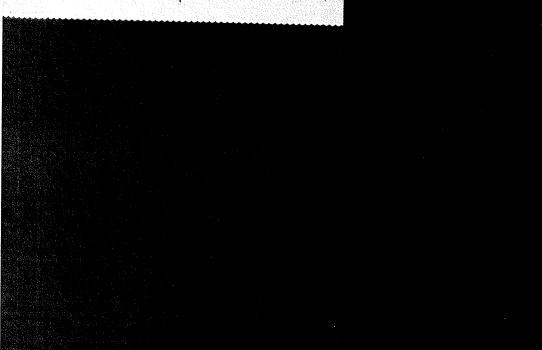
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Chlorine (as. N Jan-C
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or organic chemicals and radioactive substances. All dirinking water, and the property of the

such at persons with career undergoing themotherapy, persons who
have undergone organ irregulars,
people with HIWAIDS or other
immune system, disorders, some
elderly, and Infans can be particularly at risk from Infections. These
people should seek advice about
officing water from their health
care providers. EPA/CDC guidelines on appropriate menus to issent
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South New
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this year's Annual Quality Water
Report. This report is designed to
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covery day. Our contents goal is to
provide you with a safe and
dependable supply of drinking
water. We ware you to understand
the efforts we make to continually
improve the water treatment
provess and protect our water
resources. We are committed to
ensuring the quality of your water
A source water assessment has
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				Test R	esults			
Contaminant	Violation	Date collected	Level	Rangeof Detects or # of Samples Exceeding MCUACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contar	ninants		100000000000000000000000000000000000000			0000000	to after a character of figures in many and fill
IQ. Barium	N	2006*	0.04	No Range	Ppm	2	2	Discharge of drilling wastes; dis- charge from metal refineries; ero- sion of natural deposits
13. Chromium	N .	2006*	1	No Range	Ppb	100	100	Discharge from steel and pulp milts; erosion of natural deposits
14. Соррег	Y		3.1	One	ppm	1.3	AL=1,3	Corrosion of household plumbing systems, erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2006*	0.1	No Range	ppm	1	<b>4</b> 334 337 3	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	Y	1	24	One	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2006*	0.5	No Range	ppb	50	50	Discharge from petroleum and meta refineries; erosion of natural deposits; discharge from mines
Disinfecti	on By-F	roduct	s and Di	sinfectant B	y-Prod	ucts	Services	
Chlorine (as C12)	N		0.80 to - 1.10	None	ppm	14	1	Water additive used to control microbes
73. TTHM (Total Trihalo- methanes)	N		8	None	ppb	0	100	By-product of drinking water chlorination
HAAS	N	2007*	2.8	None	ppb	0	60	By-product of drinking water chlorination

\*Most recent sample results an

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